

Converting Colors

XYZ(39.1483, 54.7079, 38.8785)

Have a look what the booklet for
XYZ(39.1483, 54.7079, 38.8785)
contains.

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Color

**XYZ(39.2999, 54.9081,
39.0989)**

Conversions

Conversions Part 1

Format	Color
Hex	85D59A
RGB	133, 213, 154
RGB Percent	52%, 84%, 60%
CMY	0.4784, 0.1647, 0.3961
CMYK	0.38, 0.00, 0.28, 0.16
HSL	136°, 49%, 68%
HSV	136°, 38%, 84%
XYZ	39.2999, 54.9081, 39.0989
YIQ	182.3540, -28.7410, -35.3090

Conversions

Conversions Part 2

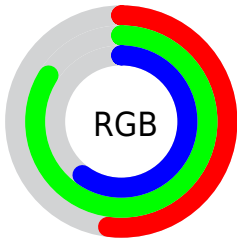
Format	Color
RYB	133, 196, 213
Decimal	8770970
CIELab	78.99, -36.94, 21.62
CIELCh	79, 42.798, 149.662
Yxy	54.9081, 0.2948, 0.4119
Android (android.graphics.Color)	4286961050 (0xFF85D59A)
YUV	182.3540, -13.9785, -43.2835
Hunter-Lab	74.1000, -35.0052, 20.5856

Details

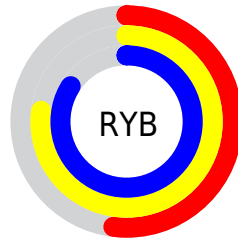
The XYZ color **39.2999, 54.9081, 39.0989** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **45.3444, 34.7283, 54.1847**, and the grayscale version is **44.7427, 47.0728, 51.2623**.

A 20% lighter version of the original color is **68.2549, 86.9423, 73.5057**, and **17.8995, 27.0953, 17.1185** is the 20% darker color. If you saturate the color by 10%, you get **35.0481, 52.8592, 32.5117**, and if you desaturate by 10%, it is **44.4077, 57.3816, 46.6224**.

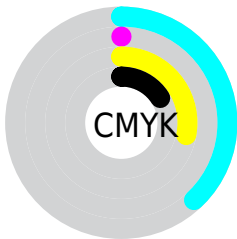
Distribution



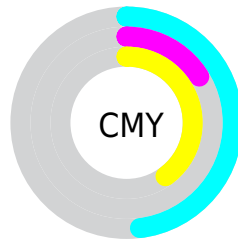
- Red (52%)
- Green (84%)
- Blue (60%)



- Red (52%)
- Yellow (77%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (28%)
- Black (16%)





- Cyan (48%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2999, 54.9081, 39.0989 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 39.2999, 54.9081, 39.0989 by changing the saturation by 10% instead.


 39.2999, 54.9081,
39.0989


 39.2999, 54.9081,
39.0989


334.3491,
405.5635, 357.7493

 27.1749, 39.3281,
26.5283


 73.3874, 97.4063,
75.0114

 17.8419, 27.0151,
16.9899


 96.0806, 125.0933,
99.1903

 10.9355, 17.5846,
10.0654


 123.0272,
157.5848, 128.0757

 6.0905, 10.6521,
5.3362

154.5926,
195.2652, 162.0862

 2.9414, 5.8334,
2.3837

191.1421,
238.5189, 201.6402

 1.1228, 2.7441,
0.7775

233.0411,

 0.0441, 0.9996,

287.7302, 247.1564

0.0000

280.6550,
343.2836, 299.0533

■ 0.0000, 0.0000,
0.0000

■ 39.2999, 54.9081,
39.0989

■ 39.2999, 54.9081,
39.0989

■ 35.0481, 52.8592,
32.5117

■ 44.4077, 57.3816,
46.6224

■ 31.6000, 51.2040,
26.8204

■ 50.4115, 60.2949,
55.1131

■ 28.9039, 49.9183,
21.9872

■ 57.3537, 63.6709,
64.6051

■ 26.9003, 48.9722,
17.9698

■ 65.2730, 67.5287,
75.1298

■ 25.5198, 48.3310,
14.7226

■ 74.2057, 71.8865,
86.7170

■ 24.6693, 47.9476,
12.1946

■ 82.0184, 75.6438,
99.2940

■ 24.5069, 47.8752,
11.6794

■ 83.0853, 76.0705,
104.9118

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.5012, 54.9081, 27.6059



39.2999, 54.9081, 39.0989



37.4742, 54.9081, 59.5095

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.2999, 54.9081, 39.0989



52.0920, 54.9081, 119.9693



67.7404, 54.9081, 39.4609

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.2999, 54.9081, 39.0989



45.3444, 34.7283, 54.1847

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.3241, 54.9081, 60.0625



39.2999, 54.9081, 39.0989



60.7137, 54.9081, 110.4622

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.2999, 54.9081, 39.0989



44.3510, 54.9081, 110.0464



67.6256, 54.9081, 86.7219



60.8989, 54.9081, 27.7714

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.2999, 54.9081, 39.0989



38.2443, 54.9081, 76.9832



67.6256, 54.9081, 86.7219



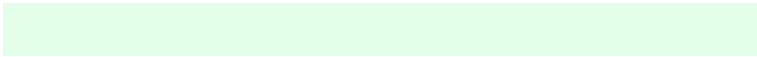
69.1667, 54.9081, 45.3613

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.3013, 54.9104, 39.1001



82.3191, 93.8013, 91.8446



50.0222, 60.6219, 31.2558



17.3106, 19.9270, 19.2369



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.3013, 54.9104, 39.1001



53.9083, 80.0335, 50.8214



43.0945, 56.4276, 59.0744



12.3949, 13.9490, 13.8940



15.0053, 29.2575, 7.3236



0.9393, 1.7784, 0.6220

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.3444, 34.7283, 54.1847



64.2287, 45.5189, 76.5482



41.5795, 33.2223, 34.3591



12.8074, 12.5744, 14.9258



20.5280, 10.1475, 20.6163



1.2713, 0.6253, 1.4181

Previews

White Background



This preview shows how the XYZ color 39.2999, 54.9081, 39.0989 looks on a white background.

Color Contrast Check

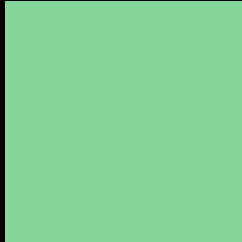
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 39.2999, 54.9081, 39.0989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

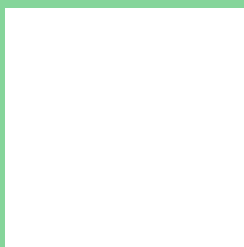
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2999, 54.9081, 39.0989

Background



This preview shows how black text looks on a background with the XYZ color 39.2999, 54.9081, 39.0989.



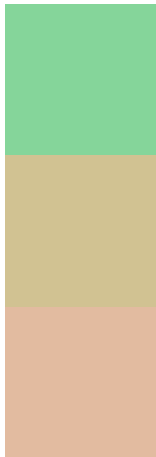
This preview shows how white text looks on a background with the XYZ color 39.2999, 54.9081,

39.0989.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.2999, 54.9081, 39.0989

Protanopia

50.7746, 54.2142, 34.9824

Deuteranopia

55.4795, 54.2475, 40.8044



Tritanopia

46.6766, 54.6092, 76.4871

Trichromacy



Original Color

39.2999, 54.9081, 39.0989

Protanomaly

45.3675, 53.7670, 36.4207

Deuteranomaly

47.6497, 53.1549, 40.0963

Tritanomaly

43.5462, 54.4076, 61.0299

Monochromacy



Original Color

39.2999, 54.9081, 39.0989

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

41.8262, 49.0110, 46.2853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2999, 54.9081, 39.0989 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(133, 213, 154)` looks like.

```
.text, #text, p{  
    color:rgb(133, 213, 154)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(133, 213, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 213, 154) }
```

Border

The CSS property to change the border of an element to XYZ 39.2999, 54.9081, 39.0989 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 213, 154) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(133, 213, 154) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(133, 213, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 213, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 213, 154);  
box-shadow:4px 4px 4px 4px rgb(133, 213,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2999, 54.9081, 39.0989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 213, 154) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(133,  
213, 154) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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